Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 09 Oct 2022 until 23:59 on Monday 10 Oct 2022

Forecast Issued on Sunday 09 Oct 2022 at 02:23

Confidence: High for rain coming in later Sunday, then largely fair Monday and Tuesday. Lowering confidence in the detail of poorer weather from later Wednesday onwards.

Headline for Sunday 09 Oct 2022: Fair start, then band of occasionally heavy rain spreading from northwest later.

Mountain weather hazards on Sunday 09 Oct 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Sunny intervals	Sunny intervals	Cloudy	Light rain	Heavy Rain
Precipitation probability					
00%	<05%	<05%	10%	40%	90%

Forecast for Sunday 09 Oct 2022

Weather: Largely dry through the morning, although some early low cloud will lift and break to give sunny spells. Cloud gradually thickening and lowering from the northwest to bring some patchy rain from late afternoon or early evening, which occasionally turns heavier and more persistent through the evening. Wind strengthening.

Chance of cloud-free hill tops above 600m: 70% becoming 95% by mid-morning. Becoming 10-20% during the evening.

Low cloud and visibility: Good or very good, but locally very poor in patchy low cloud base 500-600m at first. This clearing by mid-morning. Visibility becoming more generally moderate or poor in rain from late afternoon or early evening, very poor within cloud with bases becoming extensive above 500m.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Sunday 09 Oct 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	26/37 S	24/32 S	27/37 SW	26/35 S	26/36 S	26/38 S	18/26 W
300	17/28 S	20/29 S	22/31 S	20/29 S	18/27 S	20/31 S	14/21 W
Valley	6/23 S	11/26 S	16/30 S	13/28 S	11/27 S	13/30 S	11/22 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/2	8/3	10/6	11/7	10/6	9/5	7/2
300	9/5	10/6	13/9	13/10	12/9	11/8	9/6
Valley	7/6	11/8	14/11	14/11	12/10	11/9	9/7
Freezing Level*	1500m	1600m	1700m	2100m	2300m	2600m	2700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Conditions deteriorating late in the day, becoming more difficult. Feeling chilly in the wind on the higher slopes. Wind gusts likely to be higher than shown in the table on exposed summits and ridges.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 09 Oct 2022	2.6mm	20.8mm	20.8mm

Forecast for Monday 10 Oct 2022

Weather: Cloud and rain soon clearing south overnight, clear spells developing giving a chilly start to the morning. Mainly dry by day with good bright and sunny spells appearing, but one or two light showers cannot be ruled out, mainly in the morning.

Maximum wind: Westerly or northwesterly 15-20 mph with gusts reaching 30 mph across most exposed ridges and summits.

Chance of cloud-free hill tops above 600m: 10% in the early hours, becoming 70% by dawn, then becoming 95% plus by mid-morning.

Low cloud and visibility: Poor or very poor in the early hours in rain and low cloud, soon becoming good or very good visibility, perhaps briefly moderate in any showers. Very poor in patchy low cloud with base around 500m developing after dawn, but lifting above the summits by mid-morning.

Temperature: **Valleys:** Plus 3 Celsius increasing 14 Celsius during the afternoon
At 600m: Plus 7 Celsius
Freezing level: Above all summits

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